Presentation Outline

Section 1
İ.T.Ü.
City, Location, Building
Faculty of Architecture
Faculty Vision
Departments
Statistics

Section 2
Research & Development (R&D)
Education
Workspace

Section 3 - Future Works
Research & Development (R&D)
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Section 1

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Section 3 - Future Works

Research & Development (R&D)
Education
Workspace
Istanbul Technical University

“Pioneer Through the Ages”

Istanbul Technical University (ITU) was established in 1773, during the time of the Ottoman Sultan Mustafa III, under its original name “Muhendishane-i Bahr-i Humayun”. Since then ITU continued and developed its higher education in various forms. In 1946, ITU became an autonomous university, including the Faculties of Civil Engineering, Architecture, Mechanical Engineering, and Electrical Engineering. ITU is a state university which defines and continues to update methods of engineering and architecture in Turkey. It provides its students with innovative educational facilities while retaining traditional values, as well as using its strong international contacts to mould young, talented individuals who can compete not only within their country borders but also in the global arena.

With its educational facilities, social life and strong institutional contacts, ITU has always been preferred by Turkey’s most distinguished students since its foundation and has achieved justified respect.
İstanbul Technical University
“Pioneer Through the Ages”

Brief History

Having been founded in 1773 with the name “Mühendishane-i Bahr-i Hümayun” (Imperial School of Naval Engineering) during the reign of Mustafa III, Istanbul Technical University is a prominent and pioneering university of engineering and architecture with many innovative studies in science, technology, research and development. The references of Istanbul Technical University are the international standards in science and ITU as an institution is determined to accomplish its mission and vision with its dedicated academic and administrative staff.
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1773</td>
<td>ITU was founded</td>
</tr>
<tr>
<td>1795</td>
<td>Faculty of Civil Engineering was founded.</td>
</tr>
<tr>
<td>1847</td>
<td>Faculty of Architecture was founded.</td>
</tr>
<tr>
<td>1934</td>
<td>Faculty of Mechanics and Electric was founded.</td>
</tr>
<tr>
<td>1944</td>
<td>Civil Engineering, Architecture, Mechanics and Electrical-Electronics Engineering Departments were founded</td>
</tr>
<tr>
<td>1952</td>
<td>ITU Student Union was founded</td>
</tr>
<tr>
<td>1952</td>
<td>ITU TV was founded</td>
</tr>
<tr>
<td>1953</td>
<td>ITU Sports Club was founded.</td>
</tr>
<tr>
<td>1953</td>
<td>Faculty of Mines was founded.</td>
</tr>
<tr>
<td>1961</td>
<td>Nuclear Institute of Energy was founded.</td>
</tr>
<tr>
<td>1963</td>
<td>Faculty of Chemistry-Metallurgy was founded.</td>
</tr>
<tr>
<td>1970</td>
<td>Faculty of Naval Architecture and Ocean Engineering was founded.</td>
</tr>
<tr>
<td>1977</td>
<td>Faculty of Aeronautics and Astronautics was founded.</td>
</tr>
<tr>
<td>1979</td>
<td>ITU TRIGA Mark-II Teaching and Research Reactor was activated</td>
</tr>
<tr>
<td>1980</td>
<td>Control and Computer Engineering Department was founded.</td>
</tr>
<tr>
<td>1981</td>
<td>ITU moved to Ayazağa Campus.</td>
</tr>
<tr>
<td>1981</td>
<td>Ceramics Research Institute was founded.</td>
</tr>
<tr>
<td>1982</td>
<td>Istanbul Turkish Music Conservatory was included in ITU.</td>
</tr>
<tr>
<td>1982</td>
<td>Faculty of Sciences and Letters was founded.</td>
</tr>
<tr>
<td>1983</td>
<td>Faculty of Management was founded.</td>
</tr>
<tr>
<td>1992</td>
<td>Maritime Faculty was founded.</td>
</tr>
<tr>
<td>1997</td>
<td>Compulsory English Preparatory Class was opened and in faculties, 30% of all classes had to be taken from English sections.</td>
</tr>
<tr>
<td>2004</td>
<td>Faculty of Textile Technologies and Design was founded</td>
</tr>
<tr>
<td>2009</td>
<td>The first cubical satellite of Turkey, ITUpSAT1 was launched.</td>
</tr>
<tr>
<td>2010</td>
<td>Turkey’s first electric-powered minibus was manufactured.</td>
</tr>
<tr>
<td>2010</td>
<td>Turkey’s most efficient technopark, ITU Arı Teknokent was opened.</td>
</tr>
<tr>
<td>2011</td>
<td>100% English programs were introduced.</td>
</tr>
<tr>
<td>2011</td>
<td>Turkey’s first hydrogen-powered boat “Martı” was manufactured.</td>
</tr>
<tr>
<td>2012</td>
<td>Turkey’s first self-made helicopter “ARIKOPTER” was manufactured.</td>
</tr>
<tr>
<td>2012</td>
<td>Turkey’s first Autonomous car “Oto-Mobil” was manufactured.</td>
</tr>
</tbody>
</table>
The vision of Istanbul Technical University is always in development as ITU is a world university.

The mission of Istanbul Technical University as a research university competing in the international arena without being constrained by the national boundaries, is to continue teaching, education and R&D activities as well as contributing to the international knowledge by reaching the advanced knowledge rather than only improving the quality of teaching and research activities.

The objectives of Istanbul Technical University with regard to teaching and education are:

To train students who
- Learn how to learn,
- Speak English fluently,
- Act global without ignoring the local,
- Proficient in advanced technologies,
- Have advanced research abilities,
- Create the agenda instead of following the agenda,
- Have strong social relationships,
- Contribute to the well-being of their countries and humanity,
- Have the international standards.
City - İstanbul
City - İstanbul
City - İstanbula
M A Ç K A
T A Ş K I Ş L A
G Ü M Ü Ş S U Y U
T A Ş K I Ş L A
M A Ç K A

Location
Taşkışla

This immense building has been constructed all in structural masonry between 1848 and 1853 as a military medicine academy for the Ottoman Army under the rule of Sultan Abdül Mecid.

However during construction, the plans drawn by W. James Smith were modified and the building’s function was changed to the military barracks in 1849. This modification was part of a construction plan that included several arsenals and military barracks that were to ensure the safety of the imperial domain around the Dolmabahçe Palace.
The building sustained some damage in the earthquake of 10 July 1894, and was restored by architect Raimondo D’Aronco. In 1909, the rebellious troops were based in the building, thus it has become the scene of long fighting. Some results are visible in the façade, as few of the gun shells are still embedded in the stone columns of the entrance.
In 1944 the building was handed over to the ITÜ and restored by architects Paul Bonatz and Emin Onat.

Teaching started in the building in 1950, with the civil engineering and architecture faculties.

In 1983 it has been classified as a first degree historical monument.

In 1996 the World Habitat Congress was organized partly in the Faculty.

Ever since, it is a natural part of the congress valley of Istanbul.

The Plan scheme of Taskisla is classical: four equal sides marked with four corner edifices and a vast courtyard.

The west facade is crowned with a monumental entrance.
Building / Ground Floor Plan
MISSION & VISION

MISSION
To produce graduates who possess the ability to: compete at the national and international level; associate their national identity with global values; engage in continuous improvement; have a good command of technology; respect their environment, societal and ethical values; excel entrepreneurship and leadership qualities.
Conduct research in basic and applied science; create a breakthrough in national development; and develop and support leading creative research groups and faculty working towards this common goal. To conduct research studies that will contribute to science and technology at the international level, to establish and support research groups and faculty to carry out such research activities and to develop and sustain the necessary infrastructure.

VISION
Through a combination of its three core missions of education, research and development, ITU maintains its leadership role in science, art and technology as a Pioneer through the ages.

As a research university, to be a focal point for pioneering studies in science, technology and arts and humanities on a national and international scale.
DEPARTMENTS

ARCH
ARCHITECTURE

UPL
URBAN & REGIONAL PLANNING

IPD
INDUSTRIAL PRODUCT DESIGN

INT
INTERIOR ARCHITECTURE

LAND
LANDSCAPE ARCHITECTURE
Statistics / Undergraduate Students

30% ENGLISH
- ARCHITECTURE: 154 students
- URBAN & REGIONAL PLANNING: 55 students
- INDUSTRIAL PRODUCT DESIGN: 1 student
- INTERIOR ARCHITECTURE: 39 students
- LANDSCAPE ARCHITECTURE: 0 students
- TOTAL: 225 students

100% ENGLISH
- ARCHITECTURE: 71 students
- URBAN & REGIONAL PLANNING: 37 students
- INDUSTRIAL PRODUCT DESIGN: 53 students
- INTERIOR ARCHITECTURE: 0 students
- LANDSCAPE ARCHITECTURE: 37 students
- TOTAL: 198 students

TOTAL # OF STUDENTS ENROLLED IN 2013-2014
- ARCHITECTURE: 225 students
- URBAN & REGIONAL PLANNING: 92 students
- INDUSTRIAL PRODUCT DESIGN: 54 students
- INTERIOR ARCHITECTURE: 39 students
- LANDSCAPE ARCHITECTURE: 37 students
- TOTAL: 447 students
# Statistics / Graduate Students

<table>
<thead>
<tr>
<th>Program</th>
<th>Total # of Students Enrolled in 2013-2014</th>
<th>DOCTORATE DEGREE</th>
<th>MASTER DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2283 Student</td>
<td>385 Student</td>
<td>751 Student</td>
</tr>
<tr>
<td>ARCH</td>
<td>1201 Student</td>
<td>116 Student</td>
<td>170 Student</td>
</tr>
<tr>
<td>UPL</td>
<td>455 Student</td>
<td>61 Student</td>
<td>95 Student</td>
</tr>
<tr>
<td>IPD</td>
<td>278 Student</td>
<td>- Student</td>
<td>53 Student</td>
</tr>
<tr>
<td>INT</td>
<td>181 Student</td>
<td>24 Student</td>
<td>51 Student</td>
</tr>
<tr>
<td>LAND</td>
<td>168 Student</td>
<td>41 Student</td>
<td>55 Student</td>
</tr>
<tr>
<td>SSI</td>
<td>- Student</td>
<td>- Student</td>
<td>1175 Student</td>
</tr>
</tbody>
</table>

## Institute of Technology University

- **ARCH (Architecture)**
- **UPL (Urban & Regional Planning)**
- **IPD (Industrial Product Design)**
- **INT (Interior Architecture)**
- **LAND (Landscape Architecture)**
- **SSI (Social Sciences Institute)**

*Total number of students enrolled in 2013-2014.*
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Constitution of Faculty R&D Coordination Board, and Faculty R&D Sectoral Advisory Board based on representation of all departments;

- Definition of the R&D responsibilities of study clusters’ and constitution of Faculty R&D Coordination Board
- Online publication of study clusters’ members, publication lists as well as Lab facilities via their cluster web pages provided by İ.T.Ü. Rectorate and improving their visibility on web,
- Constitution of 42 membered Faculty R&D Sectoral Advisory Board, where nominies are shortlisted by departments,
- Development of a web portal that connects companies and Faculty for project based collaborations,
- Scheduled visits to National R&D Center – Marmara region,
- Meetings with Faculty R&D Sectoral Advisory Board for generating the Faculty’s R&D roadmap.
Referring to the İ.T.Ü. Strategic Planning Studies and the emerging key points of the plan, the sectoral relations for R&D facilities has been enhanced and the Department of Architecture is restructured based on the goals and objectives;

- Defining and constituting the study clusters in department levels throughout the School of Architecture and generating the regulations for R&D facilities,
- Constitution of Faculty R&D Coordination Board, and Faculty R&D Advisory Board regarding representation of all departments,
- Restructuring the Master and Phd studies; generating the strategies for maintaining and enhancing an intense interconnectivity and collaboration between graduate students and industry.
Total Quality Management Facilities based on Clarity, Transparency, Explicable principles in Faculty Governance

Generating and upgrading the flowcharts based on the faculty strategical plan, and definitions of administrative and academic units’ job descriptions, as well as developing the risk analysis models.

- Generating the information modeling systems based on distributed data entry for recording the faculties’ academic and administrative activities that further provides monitoring the performance-based-distribution of sources.
<table>
<thead>
<tr>
<th>No.</th>
<th>Proje Adı</th>
<th>Yapılan Çalışmalar</th>
<th>Mülkiyet</th>
<th>Maliyet (TL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>İstanbul'da, Kadıköy İlçesi, tescilli ahşap binanın mimari ve taşıyıcı sistem yönünden incelenmesi</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>9.440,00</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>İstanbul'da, Beşiktaş İlçesi, Hatice Sultan Yalısı ahşap taşıyıcı sistem elemanlarının incelenmesi</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>20.650,00</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>İstanbul'da, Sarıyer İlçesi, Yeniköy semtinin belirli imalat detaylarının incelenmesi</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>5.900,00</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>İstanbul'da, Üsküdar İlçesi, Murat Reis Mahallesi, Allame Caddesi bulunan ahşap yapının taşıyıcı sisteminin incelenmesi ve onarımına yönelik önerilerin hazırlanması</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>1.770,00</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>İstanbul Basın Merkezi’nde bulunan Atrium mekanının akustik açıdan değerlendirilmesi</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>2.950,00</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>İstanbul'da, Fethiye İlçesi, Çankurtaran Mah., bulunan kültür varlığıın, restitüsyon projesi raporunun hazırlanması</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>2.950,00</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>İstanbul'da, Beyoğlu'da, Kanser Binası’nın, restorasyon çalışmaları için maliyet incelemesi</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>2.850,00</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>İstanbul'da, Fatih İlçesi, Eski Beykoz Kundura Fabrikası 1/1000 ölçekli uygulama imar planı değerlendirmesi</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>2.950,00</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>İstanbul'da, Beyoğlu’nda, Dağ eni 1296 ada, 43-45 parcel sayılı taşınmazda imar planı değerlendirmesi</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>2.950,00</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>İstanbul'da, Başakşehir’de,面板 Cephe Sistemi Ses Yalıtımı Değeri Ölçümü</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>4.130,00</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>İstanbul İlinin, Fatih ilçesinde, Kemalpaşa 1, 2 numaralı binanın, restorasyon,Hafız Ahmet Paşa Medresesi, restorasyon ve onarım planının hazırlanması</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>2.950,00</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>İstanbul İlinin, Fatih ilçesinde, Kemalpaşa 1, 2 numaralı binanın, restorasyon,Hafız Ahmet Paşa Medresesi, restorasyon ve onarım planının hazırlanması</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>2.950,00</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>İstanbul İlinin, Fatih ilçesinde, Kemalpaşa 1, 2 numaralı binanın, restorasyon,Hafız Ahmet Paşa Medresesi, restorasyon ve onarım planının hazırlanması</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>2.950,00</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>İstanbul İlinin, Fatih ilçesinde, Kemalpaşa 1, 2 numaralı binanın, restorasyon,Hafız Ahmet Paşa Medresesi, restorasyon ve onarım planının hazırlanması</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>2.950,00</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>İstanbul İlinin, Fatih ilçesinde, Kemalpaşa 1, 2 numaralı binanın, restorasyon,Hafız Ahmet Paşa Medresesi, restorasyon ve onarım planının hazırlanması</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>2.950,00</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>İstanbul İlinin, Fatih ilçesinde, Kemalpaşa 1, 2 numaralı binanın, restorasyon,Hafız Ahmet Paşa Medresesi, restorasyon ve onarım planının hazırlanması</td>
<td>2013 Kasim - 2014 Kasim</td>
<td>2.950,00</td>
<td></td>
</tr>
</tbody>
</table>

TOTAL 128 Projects

REVOLVING FUNDS
2012 Kasim - 2013 Kasim
2.651.365,00 TL

REVOLVING FUNDS
2013 Kasim - 2014 Kasim
15.156.704,79 TL
R & D Project 1 – Integrated Automotion System for Academic Organisations
R & D Project 1 – Integrated Automotion System for Academic Organisations
R & D Project 2 – Faculty Website Design

İTÜ Mimarlık Fakültesi Web Sayfası Yenilendi

Yenilenen websitesi ile İTÜ Mimarlık Fakültesi’ndeki tüm gelişmelerden haber olun.
Taşılaşla Hakkında

İngiliz mimar Williams James Smith ve yardımcı Osmanlı kalfa İstefan tarafından 1846 ve 1852 arasında, Mek-teb-i Tibbiye-i Şahane (Askeri Tibbiye) için hastane olarak yapıldı. Kırm Savaşı (1853-56) sırasında Osmanlıların mütefik Fransızların yaralıları burada tedavi edildi.

Devamını Okumak İçin Tıklayın
erasmus agreements:
- Germany 29
- Austria 3
- Belgium 6
- Finland 2
- France 9
- Holland 3
- U.K. 5
- Spain 6
- Sweden 4
- Italy 15
- Hungary 1
- Poland 5
- Portugal 3
- Slovenia 1
- Greece 3
- Switzerland 2
- Norway 1

bilateral agreements:
- USA & Canada
  - Auburn University
  - University of Cincinnati
  - University of Laval

IMIAD program (International Masters of Interior Architectural Design)

"Finland / Lahti Politechnic, Germany / FH STUTTGART, Scotland / ECA, Switzerland / SUPSI, Turkey / ITU
INTERNATIONALLY COLLABORATED ACADEMIC INSTITUTIONS IN 2013-14 ACADEMIC YEAR
University of Bordeaux, Universidade de Lisboa, University of Kent, HafenCity Universität Hamburg, Kaunas University of Technology, University of Pécs, University of Paris - The National School of Architecture Paris La Villette, University of Madrid, Politecnico di Milano

INTERNATIONAL WORKSHOPS IN 2013-14 ACADEMIC YEAR

• 07-11 July 2014 8th Annual Deleuze Studies Philosophy Camp / Summer School – Interior Architecture Dept.
• 15-27 July 2014 POSIAC (Perception of Space in Interior Architecture and Culture) – Interior Architecture IP Project
• 18-29 July 2014 The Re-Public Workshop: Remaking the Public Space - Urban and Regional Planning Master Programme
• 4-15 September 2014 IMIAD – Interior Architecture Master Programme
• 6-13 November 2013 Polis/Platform for Urbanism - Urban and Regional Planning Master Programme
• 15-30 March 2013 İ.T.Ü. – TUA University of Nodai – Landscape Architecture Dept.
In 2014, the number of outgoing students from İTÜ: **468**, the number of outgoing students from Faculty of Architecture: **117**.

The number of incoming students to İTÜ: **339**, the number of incoming students to Faculty of Architecture: **124**.
Education / Distribution of Exchange Students

Distribution of 117 incoming students by departments

- Industrial Product Design: 32
- Interior Architecture: 16
- Urban & Reg. Planning: 12
- Landscape Architecture: 5

Distribution of 124 outgoing students by departments

- Industrial Product Design: 7
- Interior Architecture: 14
- Urban & Reg. Planning: 11
- Landscape Architecture: 7
- Architecture: 85
Building / Improving Workspace Quality
Building / Improving Workspace Quality
Building / Improving Workspace Quality
Building / Improving Workspace Quality
Building / Improving Workspace Quality
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2015 Objectives – Education and R&D

EDUCATION
2015 February – Preparations for accreditation processes for other 4 departments and initial dialogues with related accreditation boards
2015 February – Providing the contribution of nationally attributed professionals into undergraduate and graduate studio environments (architects, urban and regional planners, industrial product designers, interior architects, landscape architects)
2015 March – Generating the 2015-17 Education Strategy Master Plan for İ.T.Ü. School of Architecture
2015 September – Sharing and presenting the progress report of İ.T.Ü. School of Architecture Strategical Admin Infra-Structure project with the faculties
2015 September – Making the Educational Evaluation and Assessment Models visible and accessible by faculties and students
2015 September – Making the academical achievements and promotions visible.

R&D INTEGRATION WITH SOCIETY, PUBLIC & PRIVATE INSTITUTIONS
2015 March Call – Realization of study clusters research facilities by integrating graduate and undergraduate students.
2015 Objectives – Education

ERASMUS COMMISION ACTIVITIES: FUTURE FORESIGHT

• Enchancing the International internship opportunities through Erasmus + Programmes
• Generating Interdisiplinar IP Projects for participation of all departments
• Performing activities with partner institutes for the accreditation of courses
• Exploring new partner institutes for novel academic collaborations and agreements
• Promoting and stimulating the opportunities of Erasmus + Programme to enhance faculties international teaching experiences
2015 Objectives – Workspace

BUILDING MAINTANCE, REPAIRS and RESTORATION

- Restoration of East Facade
- Renewal of audio and recording systems of Hall 109
- Implementation of sprinklers for fire protection
- Regaining the neighbouring building block of Science Center in the rear garden, for the use of School of Architecture
- Maintenance and repairs of Heating and Electrical systems
- Draining the excessive rain water sources in attic courtyards
- Remodeling and repairing of corridors, classrooms and faculty rooms on the attic floor and east and west wings.
- Execution of library annex project
- Remodeling of the container space for the use Design Bridges Social Project
- Placing new classrooms and workspaces to the existing building constraints